

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: October 26, 2002, 21:08:23 : Search time 13 Seconds
(without alignments)
434.024 Million cell updates/sec

Title: US-09-840-795-19
Perfect score: 1273
Sequence: 1 MDCENEYWDGRCVTCOR.....AQLFSIDSVIPQOOGPEM 231

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents,AA:*
1: /cgn2_6/ptodata/1/laa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/laa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/laa/5A_COMB.pep:*
4: /cgn2_6/ptodata/1/laa/5B_COMB.pep:*
5: /cgn2_6/ptodata/1/laa/5A_COMB.pep:*
6: /cgn2_6/ptodata/1/laa/5B_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES				
Result No.	Score	Query Match	Length DB	ID
1	443	34.8	210	4 US-09-286-529-3
2	395.5	31.1	151	4 US-09-286-529-4
3	199.5	15.7	448	4 US-09-342-681C-17
4	199.5	15.7	448	4 US-09-342-681C-19
5	153.5	12.1	260	4 US-09-006-353A-8
6	152.5	12.0	415	4 US-09-006-353A-6
7	150.5	11.8	186	1 US-08-089-458B-6
8	145.5	11.4	455	1 US-08-050-319B-25
9	145.5	11.4	455	1 US-08-321-668-2
10	145.5	11.4	455	1 US-08-837-941-2
11	145.5	11.4	455	2 US-08-126-016-2
12	145.5	11.4	455	2 US-08-465-982-25
13	145.5	11.4	455	4 US-08-815-469-5
14	145.5	11.4	455	4 US-09-006-353A-3
15	145.5	11.4	455	4 US-09-527-236A-5
16	144	11.3	909	4 US-09-013-895A-4
17	142	11.2	419	4 US-08-509-024-7
18	142	11.2	419	4 US-09-333-279-7
19	142	11.2	625	3 US-08-996-139-15
20	142	11.2	625	4 US-08-995-659-15
21	142	11.2	625	4 US-09-215-649A-15
22	141.5	11.1	283	4 US-08-509-024-2
23	141.5	11.1	283	4 US-09-333-279-2
24	141.5	11.1	283	4 US-09-072-993C-2
25	140.5	11.0	283	5 PCT-US96-12374-2
26	137	10.8	453	4 US-09-086-483A-5
27	137	10.8	518	1 US-08-385-229-4

28	132.5	10.4	355	1	US-08-292-549-6	Sequence 6, App11
29	132.5	10.4	355	4	US-09-006-353A-14	Sequence 14, App1
30	132.5	10.4	461	1	US-08-385-229-2	Sequence 2, App11
31	132.5	10.4	461	2	US-08-650-000-2	Sequence 2, App11
32	132.5	10.4	461	4	US-09-042-785A-7	Sequence 7, App11
33	132.5	10.4	461	4	US-08-477-347-3	Sequence 3, App11
34	132.5	10.4	461	4	US-09-006-353A-4	Sequence 4, App11
35	132.5	10.4	461	4	US-08-476-862-2	Sequence 2, App11
36	132.5	10.4	461	6	5395760-2	Patent No. 5395760
37	132	10.4	227	3	US-08-974-022-48	Sequence 48, App1
38	132	10.4	227	4	US-08-795-445A-48	Sequence 48, App1
39	132	10.4	227	4	US-08-795-447A-48	Sequence 48, App1
40	132	10.4	227	4	US-08-974-186-48	Sequence 48, App1
41	132	10.4	227	4	US-08-795-446B-48	Sequence 48, App1
42	132	10.4	235	4	US-09-326-394-4	Sequence 4, App11
43	132	10.4	486	1	US-08-243-010-1	Sequence 1, App11
44	131	10.3	155	4	US-09-146-950-4	Sequence 4, App11
45	131	10.3	159	4	US-09-146-950-20	Sequence 20, App1

ALIGNMENTS

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RESULT 1
US-09-286-529-3
; Sequence 3, Application US/09286529
; Patent No. 6297367
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/286,529
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 210
; TYPE: PRT
; ORGANISM: human
US-09-286-529-3

Query Match      34.8% Score 443; DB 4; Length 210;
Best Local Similarity 47.4%; Pred. No. 1e-35;
Matches 72; Conservative 28; Mismatches 52; Indels 0; Gaps 0;

QY      2 DCQENEYWDGRCVTCORCGPGQELSKDCGYGEGDAYCTACPPRRYKSSWGHHKQSC 61
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Db      33 DCROQEFKDRSGNCLCKKCGPMELSKECGFGEADACVPCRPNRFKEDMGFOCKPC 92

QY      62 ITCAVTRVQKVNCTATSNAGDCILPRFTRKTRIGLQDQECIPCTKOTPTSEVCAFO 121
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Db      93 ADCALVVRFORANCSTHSNDVCGDCLPGFRKTKLVGFQDMCEVCDDPPPPYEPHCTSK 152

QY      122 LSLVEADAPTVPPQEAATLVLSLVVFTLA 153
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Db      153 VNLVKISSTVSSPRDTAVAAVIGSALATVLLA 184

RESULT 2
US-09-286-529-4
; Sequence 4, Application US/09286529
; Patent No. 6297367
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/286,529
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 151
; TYPE: PRT
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ORGANISM: human
US-09-286-529-4

Query Match	31.1%;	Score 395.5;	DB 4;	Length 151;
Best Local Similarity	54.2%;	Pred. No. 2.8e-31;		
Matches 64;	Conservative 18;	Mismatches 35;	Indels 1;	Gaps 1

0Y 2 DC - 0ENEMYOMORCVYTCORCPGDELSDCQVGGGAGYATCAPPRYRYSSMHHKCS 60
 Db 33 DCSROEFKDRSGNCVYLKQCGPMELSEKGEFGVEDAQVPCPRPHRFEMDNGFOKCRP 92Z
 0Y 61 C1ICAY1NRQKNCATSNAYCSGCLPRFRKTR1RIGLDQDE1PCTKOTPISEVQC 118
 Db 93 CADBALNFRÖRRKNSHSDAYAGSCLTEGFRTKTLVGFQDMCEVCPCGDDPPPEYEPIC 150

RESULT 3

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US-09-342-681C-17
? Sequence 17, Application US/09342681C
? Patent No. 6355782
? GENERAL INFORMATION:
? APPLICANT: Zonana et al.
? TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins
? FILE REFERENCE: 52978
? CURRENT APPLICATION NUMBER: US/09/342,681C
? CURRENT FILING DATE: 1999-06-29
? PRIOR APPLICATION NUMBER: 60/092,279
? PRIOR FILING DATE: 1998-07-09
? PRIOR APPLICATION NUMBER: 60/112,366
? PRIOR FILING DATE: 1998-12-15
? NUMBER OF SEQ ID NOS: 123
? SOFTWARE: Patentln Ver. 2.1
? SEQ ID NO: 17
? LENGTH: 448
? TYPE: PRT
? ORGANISM: Homo sapiens
US-09-342-681C-17

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Query Match	15.7%;	Score 199.5;	DB 4;	Length 448;
Best Local Similarity	24.9%;	Pred. NO. 1.4e-11;		
Matches 71; Conservative	33;	Mismatches 112;	Indels 69;	Gaps 14;

[illegible]

RESULT 4

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US-09-342-681C-19
; Sequence 19, Application US/09342681C
; Patent No. 6355782
; GENERAL INFORMATION:
; Applicant: Zonana et al.
; TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins
; FILE REFERENCE: 52978
; CURRENT APPLICATION NUMBER: US/09/342,681C
; CURRENT FILING DATE: 1999-06-29

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? PRIOR APPLICATION NUMBER: 60/092,279
? PRIOR FILING DATE: 1998-07-09
? PRIOR APPLICATION NUMBER: 60/112,366
? PRIOR FILING DATE: 1998-12-15
? NUMBER OF SEQ. ID NOS: 123
? SOFTWARE: PatentIn Ver. 2.1
? SEQ. ID NO. 19
? LENGTH: 448
? TYPE: PRT
? ORGANISM: Homo sapiens
? IS-09-342-681C-19

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Query Match	15.7%;	Score 199.5;	DB 4;	Length 448;
Best Local Similarity	24.9%;	Pred. No. 1.4e-11;		
Matches 71;	Conservative 33;	Mismatches 112;	Indels 69;	Gaps 14;

[illegible]

RESULT 5

US-09-006-353A-8
: Sequence 8, Application US/09006353A
: Patent No. 6261801
: GENERAL INFORMATION:
: APPLICANT: WEI, YING-FEI
: APPLICANT: YU, GUO-LIANG
: APPLICANT: GENGZ, REINER
: APPLICANT: RUBEN, STEVEN
: TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR 5
: NUMBER OF SEQUENCES: 26
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: HUMAN GENOME SCIENCES, INC.
: STREET: 9410 KEY WEST AVENUE
: CITY: ROCKVILLE
: STATE: MD
: COUNTRY: US
: ZIP: 20850
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/006,353A
: FILING DATE:
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: BROOKES, ANDERS A
: REGISTRATION NUMBER: 36,373
: REFERENCE/DOCKET NUMBER: P3341
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (301) 309-8504
: TELEFAX: (301) 309-8512
: INFORMATION FOR SEQ ID NO: 8:
: SEQUENCE CHARACTERISTICS:

QY 191 -----PVPSKETSASQVSNAPGS-----LAQFS 216
DB 274 SPTPGFTPLGFSVPVSSFTTSS---TYTPGDCPNFAPNPREVAPPYQADPILATALA 330
QY 217 LDSVPIPOQ 226
DB 331 SDPIPNPLOK 340

RESULT 10
US-08-837-941-2
; Sequence 2, Application US/08837941
; Patent No. 5766917
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BRAKEBUSCH, Cord
; APPLICANT: VARPOLOMEV, Eugene
; APPLICANT: BARTKIN, Michael
; TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF
; TITLE OF INVENTION: THE TWO RECEPTORS, THEIR PREPARATION AND THEIR USE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837, 941
FILING DATE: 28-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/321,668
FILING DATE: 12-OCT-1994
APPLICATION NUMBER: IL 107268
FILING DATE: 12-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH-13
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
TELEX: 248633
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 455 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-837-941-2

Query Match 11.4%; Score 145.5; DB 1; Length 455;
Best Local Similarity 21.3%; Pred. No. 2.5e-06;
Matches 66; Conservative 36; Mismatches 109; Indels 99; Gaps 14;

QY 3 COENFYWMQMGRCVYTCORGPQOELSKDCGYEGGDAYCTACPPRYKSMGH-HKQSC 61
DB 44 CPGQKYIHPONNISICTCKHKGTLYLNDP-GRGQDTCRECSGSFTASENHLRLCLSC 102
QY 62 ITC-IVINRVOKVNCATSNVAGDCLPRFYRK----- 93
DB 103 SKCREMGVSEISCTVDRDITVG-CRKQYIHYHSENLFQCFNCSCLNGTVHLSQCR 161
QY 94 -----TRIGG--LQDQCIPTCKQPTSEVQCAFOLSLVEDAPTVPOEAT-----L 139
DB 162 QMTVCTCHAGFLRENECVSCS-----NCKKSLCTCKLCLPQLEINVKKGEDSGTIVL 213

QY 140 VALVSSL-LVVFELAFLEFLCYCK---QEFNRHC-----QRGLQLEADKTAKESLF 190
DB 214 LPLVIFFGICLSLFTGLMYRQRMKSKLYSVCKSPKEKGELEGTTRKPLADNPSP 273
QY 191 -----PVPSKETSASQVSNAPGS-----LAQFS 216
DB 274 SPTPGFTPLGFSVPVSSFTTSS---TYTPGDCPNFAPNPREVAPPYQADPILATALA 330
QY 217 LDSVPIPOQ 226
DB 331 SDPIPNPLOK 340

RESULT 11
US-08-126-016-2
; Sequence 2, Application US/08126016
; Patent No. 5811261
; GENERAL INFORMATION:
; APPLICANT: WALLACH, DAVID
; APPLICANT: NOPHAR, YARON
; APPLICANT: KEMPER, OLIVER
; APPLICANT: ENGELMANN, HARTMUT
; APPLICANT: BRAKEBUSCH, CORD
; APPLICANT: ADERKA, DAN
; TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TUMOR
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/126,016
FILING DATE: 24-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/625668
FILING DATE: 13-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGER L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
TELEX: 248633
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 455 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-126-016-2

Query Match 11.4%; Score 145.5; DB 2; Length 455;
Best Local Similarity 21.3%; Pred. No. 2.5e-06;
Matches 66; Conservative 36; Mismatches 109; Indels 99; Gaps 14;

QY 3 COENFYWMQMGRCVYTCORGPQOELSKDCGYEGGDAYCTACPPRYKSMGH-HKQSC 61
DB 44 CPGQKYIHPONNISICTCKHKGTLYLNDP-GRGQDTCRECSGSFTASENHLRLCLSC 102
QY 62 ITC-IVINRVOKVNCATSNVAGDCLPRFYRK----- 93

Db 103 SKCRKMGQVEISSCTVDROTVCG-CKRNOYRHYWSENLFQCFNCISLCLNCTVHLSQCEK 161
QY 94 -----TRIGG--LDDQECIPCTKOTPTSEVOCAPQLSLVEADATVPPOEAT-----L 139
Db 162 QNIVCTCHAGFFLEKRENECVSCS-----NCKKSLCTKICLPQJINVKGTEDSGTIVL 213
QY 140 VALVSSL-LVVFETLAFGLFPLYCK---QFNNRHC-----ORGGLDPEADKTKAESLFL 190
Db 214 LPLVIFPGLCLLSLFLGLMRYQRMWSKLYSIYCGKSTPEKEGLEGTITTKPLAPNPSF 273
QY 191 -----PVPPSKETSASOVSWAPGS-----LAQLFS 216
Db 274 SPTPGFTPTLGFSPVSTFTSSS---TYPPGDCPNFAAPRREVAPPYGADPILATATA 330
QY 217 LDSVPIPOQQ 226
Db 331 SDPIPNPLOK 340

RESULT 12

US-08-465-982-25
; Sequence 25, Application US/08465982
; Patent No. 5863786
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, F.M.Brennan
; TITLE OF INVENTION: Modified human TNFalpha (Tumor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robbins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,982
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319
; FILING DATE: 10-May-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Robbins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 455 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-465-982-25

Query Match 11.4%; Score 145.5; DB 2; Length 455;
Best Local Similarity 21.3%; Pred. No. 2.5e-06;
Matches 66; Conservative 36; Mismatches 109; Indels 99; Gaps 14;

QY 3 COENETWQWGCVCYTCGCRGPGQELSKDQGGEGDAYCTACPPRRYKSMGH-HKQSC 61
Db 44 CPQGYTHPQNNISCTCTCHKCTIYNDGP-GPGDTPCRCEGSGSFYASENHLRHLISC 102
QY 62 ITC-AVINRVQKVNCTATSNVAVCGDCLPRFYRK----- 93

Db 103 SKCRKMGQVEISSCTVDROTVCG-CKRNOYRHYWSENLFQCFNCISLCLNCTVHLSQCEK 161
QY 94 -----TRIGG--LDDQECIPCTKOTPTSEVOCAPQLSLVEADATVPPOEAT-----L 139
Db 162 QNIVCTCHAGFFLEKRENECVSCS-----NCKKSLCTKICLPQJINVKGTEDSGTIVL 213
QY 140 VALVSSL-LVVFETLAFGLFPLYCK---QFNNRHC-----ORGGLDPEADKTKAESLFL 190
Db 214 LPLVIFPGLCLLSLFLGLMRYQRMWSKLYSIYCGKSTPEKEGLEGTITTKPLAPNPSF 273
QY 191 -----PVPPSKETSASOVSWAPGS-----LAQLFS 216
Db 274 SPTPGFTPTLGFSPVSTFTSSS---TYPPGDCPNFAAPRREVAPPYGADPILATATA 330
QY 217 LDSVPIPOQQ 226
Db 331 SDPIPNPLOK 340

RESULT 13

US-08-815-469-5
; Sequence 5, Application US/08815469
; Patent No. 6153402
; GENERAL INFORMATION:
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Ni, Jian
; APPLICANT: Dixit, Vishva
; APPLICANT: Gentz, Reiner L.
; APPLICANT: Dillon, Patrick J.
; TITLE OF INVENTION: Death Domain Containing Receptors
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
; STREET: 1100 New York Ave., NW, Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,469
; FILING DATE: HEREMITH
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: No. 6153402 Yet Assigned
; FILING DATE: 06-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,711
; FILING DATE: 17-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/013,285
; FILING DATE: 12-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Steffe, Eric K.
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1488-0310003/EKS/KRM
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2540
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 455 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: protein
US-08-815-469-5

Query Match 11.4%; Score 145.5; DB 4; Length 455;

Query Match	11.48;	Score 145.5;	DB 4;	Length 455;
Best Local Similarity	21.38;	Pred. No. 2.5e-06;		

140	VALVSSL-LVFTTAFGLFFLYCK---	QFFNRHC----	QRGILLQFEADTKAESLF	190
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Db      214  LPVIFFGCLLSLFIQLMTRYOQWKSIXSYGKSTPEKESFLEGGTTTKPLAPNPSF 273
QY      191  -----PVPPSKETSABSOVSWAPGS-----LAQLFS 216
Db      274  SPTPGFTPTLGFSPPVSSSTFTSS--TYPQDCPNFAAPRRVAPPYQADPILATAIA 330
QY      217  LDSVPFPOQ 226
Db      331  SDPIPNPLQK 340

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Search completed: October 26, 2002, 21:10:33
 Job time : 15 secs